



# NITFS Compliance Registration



**Product:** \*View Air Force Research Laboratories (AFRL)  
Imagery Viewer, Version 2.1, Build 935  
**Sponsor:** Air Force Research Laboratory  
**Developer:** PAB Government Systems Corporation

**Date:** March 2006  
**Expiration:** March 2007  
**Registration #:** 2046

☐ Initial Registration  
☒ Supplemental/Update # 2022  
☐ Derived from Reg. #

## System

N-0105/98, §4.1.1

## NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

### Format

- ☒ NITF
- ☒ v2.1
- ☐ v2.0
- ☒ v1.1
- ☐ NSIF
- ☒ v1.0

### Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer \*
- ☒ IEEE Real \*
- ☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Mapped \*\*
- ☒ CM, 2301
- ☒ CM, 2301A
- ☒ Labels \*\*

### Text Segments

- ☒ TA
- ☒ T1
- ☒ 8S
- ☒ MTF

### Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ bCr
- ☒ MULTI
- ☐ NODISPLY
- ☒ POLAR

### Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☒ JPEG 2000
- ☒ B-Level
- ☒ Vector Quantization
- ☒ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☒ TRE\_OVERFLOW
- ☐ STREAMING\_FILE\_HEADER
- ☒ Controlled Extensions \*\*
- ☒ Registered Extensions \*\*

### Tagged Record Extensions

- ☐ - NSDE
- ☒ - PIAE
- ☐ - Airborne SDE
- ☐ - Commercial
- ☒ SDE
- ☒ - ICHIPB
- ☐ - IOMPA
- ☒ - DPPDB
- ☒ Extensions
- ☒ - DIGEST
- ☒ NSDE
- ☐ - ESD001
- ☐ - HISTOA
- ☐ - NBLOCA

## Configurations Tested:

-Advance Micro Devices (AMD)  
Windows Professional 2000, SP3

### Legend

- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

*Edward E. Boyles II*

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.